

Identification

ID NUMBER

Version

| VERSION | DESCRIPTION |
|---------|-------------|
| V1 | |

Overview

ABSTRACT

This survey was conducted to examine the association between hope, happiness, life satisfaction and risk behaviours in a sample of adolescents resident in the AHRI Demographic Surveillance Area (DSA). The survey includes age, gender, and a range of questions related to hope, happiness and life satisfaction. It also includes questions on whether respondents had ever used alcohol, dagga (cannabis), tik (methamphetamine), buttons (Mandrax), whoonga (heroin), ecstasy, or other drugs.

This survey was preceded and informed by a qualitative study involving key informant interviews and focus group discussions with adolescents regarding their conceptions of hope, happiness and life satisfaction. The Snyder Hope Scale was used as an exploratory starting point, but from the qualitative data it emerged that the Snyder Scale did not fully capture respondents' conceptualization of hope. We developed a new hope scale derived from the qualitative data. This included eight questions related to hope. The items aimed to address the issues raised in the qualitative work relating to hope and risk behaviour and included risk related to individuals not considering the future, i.e. living in the moment; hope providing a way to cope with current adversity, preventing risk behaviour; and hope related to a future orientation and an associated sense of control. These were scored in interviews using a Likert Scale.

Data from this survey were linked to data from the DSA on household and individual socio-economic characteristics (HSE data), including an index constructed from household asset ownership and the highest school grade attained.

KIND OF DATA
Survey data

UNITS OF ANALYSIS
Individual

Scope

NOTES

KEYWORDS
Emergent properties, Hope, Adolescent risk behavior, Socio-economic status.

Coverage

GEOGRAPHIC COVERAGE

The study was conducted at a site within the AHRI DSA. The DSA is located near the market town of Mtubatuba, 250 km north of Durban in UMkhanyakude, a sub-district of Hlabisa.

UNIVERSE

Eligibility was limited to a sub-region within the DSA. Adolescents aged 15-18 years were eligible for inclusion.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

| Name | Affiliation |
|---------------|---------------------------------|
| Chris Desmond | UKZN |
| Janet Seeley | AHRI, LSHTM |
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OTHER PRODUCER(S)

| Name | Affiliation | Role |
|-----------|-------------|------------------------------------|
| Kate Rich | HSRC | Data Preparation and Documentation |

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| Candice Groenewald | HSRC | |
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OTHER ACKNOWLEDGEMENTS

| Name | Affiliation | Role |
|------------------------------------|-------------|--------------------------|
| AHRI Research Data Management Team | AHRI | Research Data Management |
| AHRI Data Collection Team | AHRI | Data Collection |
| AHRI Community Engagement Team | AHRI | Community Engagement |

Metadata Production

METADATA PRODUCED BY

| Name | Abbreviation | Affiliation | Role |
|-----------|--------------|-------------|------------------------|
| Kate Rich | KTR | HSRC | Documentation of Study |

Sampling

Sampling Procedure

Participants meeting the age inclusion criteria were randomly selected from the DSA database.

Data Collection

Data Collection Dates

| Start | End | Cycle |
|------------|------------|-------|
| 2016-01-01 | 2017-09-01 | AHRI |

Time Periods

| Start | End | Cycle |
|------------|------------|-------|
| 2016-01-01 | 2017-09-01 | AHRI |

Data Collection Notes

The guardians of eligible participants were approached at home and asked if they were willing to consent to the research team's request to interview the child (15-17) in their care. Children were then approached and asked if they would agree to be interviewed. Participants were interviewed at home.

For details of the collection of the household and individual socio-economic data, see the documentation for the HSE data available at: <https://data.africacentre.ac.za/index.php/catalog/817>. The 2016 HSE data was used.

Emergent Properties Dataset Variable List

| Variable Name | Description | Format/Codes/Special values | Notes/comments |
|--------------------------|---|---|----------------|
| llntId | Anonymized Individual ID | Numeric, range 48 to 206880 | |
| ca_sex | Participant's Sex | 1 Male 2 Female | |
| dob | Date Of Birth | Numeric daily date, range 01jul1998 to 26apr2002 | |
| ca_age | Participant's Age | Numeric, range 15-18 | |
| i_generally_feel_hopeful | I generally feel hopeful about my future | 1 Strongly Disagree 2 Disagree 3 Neutral 4 Agree 5 Strongly Agree | |
| the_future_will_take_car | The future will take care of itself | 1 Strongly Disagree 2 Disagree 3 Neutral 4 Agree 5 Strongly Agree | |
| having_hope_helps_me_cop | Having hope helps me cope with day-to-day challenges | 1 Strongly Disagree 2 Disagree 3 Neutral 4 Agree 5 Strongly Agree | |
| i_have_set_long_term_goa | I have set long-term goals for my life | 1 Strongly Disagree 2 Disagree 3 Neutral 4 Agree 5 Strongly Agree | |
| i_believe_that_if_i_work | I believe that if I work hard today, I can achieve my long term goals | 1 Strongly Disagree 2 Disagree 3 Neutral 4 Agree 5 Strongly Agree | |
| i_am_confident_that_i_ca | I am confident that I can get the things that I hope for | 1 Strongly Disagree 2 Disagree 3 Neutral 4 Agree 5 Strongly Agree | |
| it_is_easy_for_me_to_sti | It is easy for me to stick to my aims and accomplish my goals | 1 Strongly Disagree 2 Disagree 3 Neutral 4 Agree 5 Strongly Agree | |

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|----------------------------|--|--|--|
| i_am_confident_that_i_co | I am confident that I could deal efficiently with unexpected events | 1 Strongly Disagree 2 Disagree 3 Neutral 4 Agree 5 Strongly Agree | |
| a_young_people_in_general | Young people in general are in your community? | 1 Not Important 2 Slightly Important 3 Moderately Important 4 Very Important 5 Extremely Important | |
| b_young_people_like_you_ar | Young people like you are in your community? | 1 Not Important 2 Slightly Important 3 Moderately Important 4 Very Important 5 Extremely Important | |
| c_young_people_in_general | Young people in general are in South Africa? | 1 Not Important 2 Slightly Important 3 Moderately Important 4 Very Important 5 Extremely Important | |
| d_young_people_like_you_ar | Young people like you are in South Africa? | 1 Not Important 2 Slightly Important 3 Moderately Important 4 Very Important 5 Extremely Important | |
| e_you_are_in_your_communit | You are in your community? | 1 Not Important 2 Slightly Important 3 Moderately Important 4 Very Important 5 Extremely Important | |
| in_general_i_consider_my | In general, I consider myself: | 1 Extremely unhappy 2 Unhappy 3 Neutral 4 Happy 5 Extremely Happy | |
| compared_to_most_of_my_p | Compared to most of my peers, I consider myself: | 1 Extremely unhappy 2 Unhappy 3 Neutral 4 Happy 5 Extremely Happy | |
| thinking_about_the_last | Thinking about the last month, how would you describe your happiness | 1 Extremely unhappy 2 Unhappy 3 Neutral 4 Happy 5 Extremely Happy | |
| in_most_ways_my_life_is | In most ways my life is close to my ideal. | 1 Strongly Disagree 2 Disagree | |

| | | | |
|--------------------------|--|--|-----------------------------------|
| | | 3 Neither agree nor disagree 4 Agree 5 Strongly Agree | |
| the_conditions_of_my_lif | The conditions of my life are excellent. | 1 Strongly Disagree 2 Disagree 3 Neither agree nor disagree 4 Agree 5 Strongly Agree | |
| i_am_satisfied_with_my_l | I am satisfied with my life. | 1 Strongly Disagree 2 Disagree 3 Neither agree nor disagree 4 Agree 5 Strongly Agree | |
| so_far_i_have_gotten_the | So far I have gotten the important things I want in life. | 1 Strongly Disagree 2 Disagree 3 Neither agree nor disagree 4 Agree 5 Strongly Agree | |
| if_i_could_live_my_life | If I could live my life over, I would change almost nothing. | 1 Strongly Disagree 2 Disagree 3 Neither agree nor disagree 4 Agree 5 Strongly Agree | |
| ever_used_alcohol | Have you ever used Alcohol | 0 No 1 Yes | |
| ever_used_dagga | Have you ever used Dagga (Zol) | 0 No 1 Yes | |
| ever_used_tik | Have you ever used Tik(Meth) | 0 No 1 Yes | |
| ever_used_buttons | Have you ever used Buttons(Mandrax) | 0 No 1 Yes | |
| ever_used_whoonga | Have you ever used Whoonga(Heroin) | 0 No 1 Yes | |
| ever_used_ecstasy | Have you ever used E(Ecstasy) | 0 No 1 Yes | |
| ever_used_other_drugs | Have you ever used other drugs | 0 No 1 Yes | |
| HighestSchoolLevel | Highest School Level | 1 Never went to school 2 None 3 Less than one year 4 Grade 1 or Sub A/Class1 5 Grade 2 or Sub B/Class2 6 Grade 3 / Standard 1 7 Grade 4 / Standard 2 8 Grade 5 / Standard 3 9 Grade 6 / Standard 4 | From 2016 HSE Individual dataset. |

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|-------------------|--|---|----------------------------------|
| | | 10 Grade 7 / Standard 5 11 Grade 8 / Standard 6 12 Grade 9 / Standard 7 13 Grade 10 / Standard 8 14 Grade 11 / Standard 9 15 Grade 12 / Standard 10 | |
| DrinkWaterSource1 | What is the most often used source of drinking water in the household | 1 Piped-Internal 2 Dam/stagnant water 3 Piped-yard tap 4 Well/non-borehole 5 Piped-public tap/kiosk(paid) 6 Protected spring 7 Piped-public tap/kiosk(free) 8 Water carrier or tanker 9 Borehole 10 Other 11 Rainwater 13 Flowing river/stream | From 2016 HSE Household dataset. |
| ToiletType | What kind of toilet does the HH use | 1 Flush toilet 2 Other 3 Ventilation Improved Pit 4 Refused 5 Other pit latrine 6 Don't know 7 Bucket toilet 8 None | From 2016 HSE Household dataset. |
| IsElectrified | Is this household connected to an electricity supply | 1 Yes 2 No | From 2016 HSE Household dataset. |
| MainCookingFuel | What is the main fuel used for cooking | 3 Electricity from grid 4 Electricity from Solar energy 5 Gas(LPG) 7 Wood | From 2016 HSE Household dataset. |
| BDN | Does the household have any of the following items in good working order | 0 No 1 Yes | From 2016 HSE Household dataset. |
| BED | Doe HH have ... Bed | 0 No 1 Yes | From 2016 HSE Household dataset. |
| BIC | Doe HH have ... Bicycle | 0 No 1 Yes | From 2016 HSE Household dataset. |
| BLM | Doe HH have ... Blockmaker | 0 No 1 Yes | From 2016 HSE Household dataset. |
| CAR | Doe HH have ... Car | 0 No 1 Yes | From 2016 HSE Household dataset. |
| CBE | Doe HH have ... Car battery | 0 No 1 Yes | From 2016 HSE Household dataset. |
| CTL | Doe HH have ... Cattle | 0 No 1 Yes | From 2016 HSE Household dataset. |

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| ECO | Doe HH have ... Electric cooker with oven | 0 No 1 Yes | From 2016 HSE Household dataset. |
| EHP | Doe HH have ... Electric hotplate | 0 No 1 Yes | From 2016 HSE Household dataset. |
| EKT | Doe HH have ... Electric kettle | 0 No 1 Yes | From 2016 HSE Household dataset. |
| FRG | Doe HH have ... Fridge | 0 No 1 Yes | From 2016 HSE Household dataset. |
| GCK | Doe HH have ... Gas cooker | 0 No 1 Yes | From 2016 HSE Household dataset. |
| HSF | Doe HH have ... Hoe/Spade/Fork | 0 No 1 Yes | From 2016 HSE Household dataset. |
| KLT | Doe HH have ... Kombi/Lorry/Tractor | 0 No 1 Yes | From 2016 HSE Household dataset. |
| KTS | Doe HH have ... Kitchen sink | 0 No 1 Yes | From 2016 HSE Household dataset. |
| MCS | Doe HH have ... Motorcycle | 0 No 1 Yes | From 2016 HSE Household dataset. |
| OLS | Doe HH have ... Other livestock (i.e. not cattle) | 0 No 1 Yes | From 2016 HSE Household dataset. |
| PMC | Doe HH have ... Primus cooker | 0 No 1 Yes | From 2016 HSE Household dataset. |
| RAD | Doe HH have ... Radio | 0 No 1 Yes | From 2016 HSE Household dataset. |
| SOF | Doe HH have ... Sofa | 0 No 1 Yes | From 2016 HSE Household dataset. |
| SWM | Doe HH have ... Sewing machine | 0 No 1 Yes | From 2016 HSE Household dataset. |
| TBC | Doe HH have ... Table & Chairs | 0 No 1 Yes | From 2016 HSE Household dataset. |
| TLL | Doe HH have ... Telephone | 0 No 1 Yes | From 2016 HSE Household dataset. |
| TMB | Doe HH have ... Cellphone | 0 No 1 Yes | From 2016 HSE Household dataset. |
| TVS | Doe HH have ... TV | 0 No 1 Yes | From 2016 HSE Household dataset. |
| VCR | Doe HH have ... Video | 0 No 1 Yes | From 2016 HSE Household dataset. |
| WBR | Doe HH have ... Wheelbarrow | 0 No 1 Yes | From 2016 HSE Household dataset. |
| AssetIndexQuintile | Asset Index Quintile | 1 Poorest 2 Poor 3 Medium 4 Rich 5 Richest | From 2016 HSE Household dataset. Created using principal component analysis, using drinking water source, toilet |

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|------------|-------------|---|---|
| | | | type, electricity supply, main cooking fuel and all assets. |
| AssetIndex | Asset Index | Numeric, range -5.4324012 to 5.4735575. | Created using principal component analysis, using drinking water source, toilet type, electricity supply, main cooking fuel and all assets. |